

## PLANT SAFETY MARK GREATLY IMPROVED

**Y-12ers Will Bid Regretful Farewell To Supt. W. D. Lavers May 1, Welcome Logan B. Emlet As Successor; Three Gain Promotions**

**One Lost Time Accident Listed In First Quarter**

**Frequency Rate Drops In Both Major, Minor Mishaps In Y-12 Area**



**W. D. LAVERS**  
Resigning May 1 to join a New York construction firm.



**GEORGE W. MITCHEL**  
New Superintendent of Maintenance and Engineering.



**LOGAN B. EMLET**  
Becomes Y-12 Superintendent on May 1.

**Mitchel, Bowles, Case Receive Congratulations**

Y-12ers will bid a sincerely regretful farewell to Plant Superintendent W. D. Lavers on May 1, welcome Logan B. Emlet as his successor and congratulate three other Y-12ers on well-deserved promotions.

According to a Carbide announcement, Emlet, former Executive Director of the Oak Ridge National Laboratory, will replace Superintendent Lavers, who has accepted a position with another company, on May 1. At the same time the engineering and maintenance functions of the Y-12 plant will be consolidated under the direction of George W. Mitchel, as Superintendent of Maintenance and Engineering. J. M. Case will replace Mitchel as Maintenance Division Head. The plant Engineering Division and the Development Engineering Department will be combined into a single division with J. Clyde Bowles as Division Head.

Ernest Zurcher, who has been Superintendent of the Research Engineering Department in Y-12 for a long period, will continue to assist in supervision of the Engineering Division.

Superintendent Lavers plans to remain on the job until May 1, when he will take a vacation trip before joining the Ebasco Services, Inc., of New York, a prime utility construction and holding company that has built and financed power plants and dams throughout the country.

**All Ridge "Old Timers"**

All of the principals involved in the personnel changes in Y-12 are "old timers" in Oak Ridge and have watched the growth of the atomic energy facilities here from almost the very beginning.

Most of the five are well known to practically every Y-12er, but in order to bring everyone up to date, The Bulletin is publishing brief sketches of their activities.

"Doug" Lavers became Y-12 Plant Superintendent on February 1, 1950, succeeding Dr. C. E. Larson, who went to ORNL as Director. This appointment followed long service in Y-12, first under Tennessee Eastman Corporation and later Carbide. The retiring Superintendent joined the organization November 22, 1943, and successively held the posts of Superintendent of the Refining Department, Superintendent of Refining Operations and then Superintendent of the Engineering Division. In February, 1948, he was appointed Assistant Y-12 Superintendent in charge of Engineering, Maintenance and Production. On January 31, 1949, he was appointed General Superintendent of the Engineering and Maintenance Division of ORNL, still maintaining his Y-12 connections.

**With TVA Before Y-12**  
Before coming to Y-12 he was with the Tennessee Valley Authority for several years in construction and engineering work at key dam projects. Prior to his employment with TVA, he was with Stone and Webster.

Superintendent Lavers received a bachelor of civil engineering

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Through close observation of plant safety rules and procedures and plain common sense, Y-12ers during the first quarter of 1952 have established a much better safety record than during the first three months of 1951, Y-12 Safety Department records reveal. The showing for January, February and March of 1952, if continued, should again place Y-12 among the leading plants in the country from the standpoint of safe operations, a spot it held prior to a disappointing showing in 1951.

**Six Accidents In 1951**

For the first quarter of 1952 there was only one lost time accident in Y-12, as compared to six for the same period in 1951. The comparison is even more impressive when it is taken into consideration that during January, February and March of this year Y-12ers put in 2,168,577 man-hours of work against only 1,631,339 for the same months last year.

This improvement in safe operations is further demonstrated by the reduction in the accident frequency rate for the first quarter of 1952 over 1951. The 1952 rate is .46 as compared to 3.68 the previous year. The frequency rate is the number of lost time injuries for each 1,000,000 man-hours of operations.

**Safety Source Of Pride**

As pointed out by Fred H. Haggerson, President and Chairman of the Board of Union Carbide and Carbon Corporation, maintaining a low accident rate is a source of pride to the entire Corporation as well as being a spur to production and operations.

After pointing out that the overall UCC accident frequency rate is only one-third the overall industrial rate for the entire United States, Mr. Haggerson declared in a letter accompanying the UCC 1951 Annual Safety Report:

"There is still desired improvement to be made in our prevention of accidents, and this presents a challenge—a personal challenge to every man and woman within the Corporation. It is an individual responsibility that each of us must accept, if we are to achieve a better safety record in the year ahead, for safety is a part of our business, and an important part, too."

**Minor Accidents Rate Drops**

Not only was the frequency rate

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## The Great A-Bomb Robbery— Presence Of Fuchs In U. S. Tremendously Excites Kremlin

This is the fifth article of an 11-article series telling the fantastic inside story of how Russia stole America's A-Bomb secrets.

By **BOB CONSIDINE**

International News Service

Staff Correspondent

(World Copyright 1951 by INS)

It would be difficult to picture a more innocuous looking man than Dr. Klaus Fuchs. He came in 1943 as a trusted member of an otherwise devoted team of British physicists sent here, at the suggestion of Winston Churchill, to speed the day when the Western Allies could add a devastating A-Bomb to their arsenal.

He seemed too shy to make friends. His diffidence was written off, by those who first met and trusted him, as the markings of genius. As unexciting as he was, his presence here caused tremendous excitement in the Kremlin.

His spy contact in England, informed that Fuchs would be sent to the United States and would want to continue his spying amid the secret treasures here, set machinery in operation to retrain the services of the master spy.

That it was to be on a high level was apparent from the start. His arrival was quickly brought to the attention of the Russian embassy in Washington. Harry Gold was given the courier's role in the sell-out by Anatol A. Yakolev, Soviet vice consul in New York. It was to Yakolev (whom Gold knew as "John," and



**Bob Considine**

Continued on Page 4

## Morse G. Dial Elected President Of UCC; Fred H. Haggerson Made Board Chairman



**Morse G. Dial**

Morse G. Dial has been elected President of Union Carbide and Carbon Corporation, according to an announcement by Fred H. Haggerson, Chairman of the Board.

Mr. Dial as President, succeeds Mr. Haggerson, who continues as Chairman of the Board.

Mr. Dial, a graduate of Cornell University, was elected Executive Vice-President of Union Carbide in 1951. He joined the Corporation in 1929, became Assistant Secretary and Assistant Treasurer in 1939, Secretary and Treasurer in 1945, Vice-President in 1949, and a Member of the Executive Committee of the Corporation in 1951.



**JACK M. CASE**  
Will be new Head of Y-12 Maintenance Division.



**J. CLYDE BOWLES**  
Y-12 pioneer will be Head of Engineering Groups.

### COWS ARE TESTED

The Chicago Tribune has described a study being made at the University of California College of Agriculture on the inner workings of the cow. Radioactive tracers are used to follow digestive and metabolic processes of cows in an effort to find why one cow gives a lot of milk and another very little.

### SAFETY SCOREBOARD

Your Plant Has  
Operated

13 Days

Without A Lost Time  
Accident\*

Through April 20



# The Bulletin

Published Weekly By And For  
Y-12 Employees Of  
CARBIDE AND CARBON  
CHEMICALS COMPANY  
A Division Of  
Union Carbide And Carbon  
Corporation  
Post Office Box P  
Oak Ridge Tenn.  
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## Y-12ers Regretfully Bid Lavers Farewell

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degree from Northeastern University in 1926 after graduating from Salem, Mass., High School. Since coming to Oak Ridge in 1943 he has been active in civic affairs, is a leader in the Boy Scout movement and an enthusiastic sports fan.

The new Y-12 Superintendent was born in Hanover, Pa., February 8, 1913, and graduated from Dickinson College, Carlisle, Pa., with a bachelor of science degree in chemistry in 1935. He was employed by the du Pont Company in 1936 at its dye works in Deepwater, N. J., and meanwhile continued taking extension courses from Rutgers University and the University of Delaware until he finally received a master's degree from the University of Pennsylvania in 1936.

### Emlet Trained At Chicago

In 1940 he went with a military explosive project of du Pont and later joined the Kankakee Ordnance Works in Illinois before coming to Oak Ridge with du Pont in June, 1943, after training in pile technology at the University of Chicago Metallurgical Laboratory.

The du Pont company then was operating the Clinton Laboratories, later to become Oak Ridge National Laboratory, and Emlet assisted in supervising construction of the pile there and was in charge of operations most of the time after it went on a production basis. After being Superintendent of the Pile Area for more than one year, Emlet was transferred back to the Deepwater plant of du Pont in November, 1945.

His stay there was brief, as in June, 1946, he returned to ORNL as Head of the Operations Division organized at that time. He held that position until his appointment as Executive Director of ORNL in October, 1950.

### Mitchel Is Oklahoman

George W. Mitchel, a native of Okmulgee, Okla., where he was born January 16, 1909, came to Y-12 in January, 1944. He was Shift Supervisor of the Refining Division for some time before becoming Superintendent of the Maintenance Division. Mitchel received a B.S. degree in electrical engineering from Colorado State College in 1929 and was connected with the Remington Arms Co., at Salt Lake City, Utah; Westinghouse Electric and Manufacturing Co., at Pittsburgh, Pa.; and Springfield, Mass.; and the Western Supply Co., before coming to Y-12. Jack M. Case came to work in Y-12 just a little later than did Mitchel, on April 10, 1944, as a tool maker. He has steadily advanced to his present position as Shops and Service Maintenance Department Superintendent. He was born in Louisville, Clay County, Ill., April 27, 1918 and is a graduate of the Wood River High School at East Alton, Ill., in the class of 1936.

Before coming to Y-12 he was employed by the Western Cartridge Co., East Alton; the Bendix and Lockheed Aircraft Corporations, Burbank, Cal.; the McDonnell Aircraft Corp., Robertson, Mo.; and the U. S. Cartridge Co., St. Louis, Mo.

### Bowles Only Native Tennessean

J. Clyde Bowles is the only na-



The following Y-12 employees were patients in the Oak Ridge Hospital last week: Paul H. Stewart, Administrative Normal; Maynard L. Lay, Utilities Maintenance; Lloyd M. Thompson, Standby Maintenance; Edward M. Crume, Jr., Electrical Maintenance; Leon A. Brown, Property; Barton B. Thornton, Stores; Joyce Ann Ross, Manufacturing Office; Laura D. Kennedy, Laundry; Vivian J. Braden and Pearl L. Geldmeier, Uranium Control; Leslie L. Spear, Maintenance Shops; Owen C. Beatty, Guard; and Belitha Henley, Janitors.

## Much Scrap Moved In Clean-Up Week

Preliminary reports on Y-12 activities during observance of Clean-Up Week slated for April 14-20 revealed a vast amount of work done toward setting the plant area in order, according to Fire Chief W. O. Elam.

During last week a total of 500,000 pounds of scrap metal alone was hauled away to the Elza Gate warehouse area and 250 truck loads of combustible material such as old wood, trash and rubbish, were removed to the dump on Bear Creek Valley Road.

Clean-Up Week work will be continued into this week in order to improve the appearance of the area and to eliminate fire and accident hazards, Chief Elam said, to take care of a few areas that removal trucks could not reach last week.

## Plant Safety Record Is Greatly Improved

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in lost time accidents greatly reduced in Y-12 during the first quarter of 1952 as compared to last year, but the rate in minor injuries also showed a substantial decrease. The 1952 rate for the first three months of the year was 484.65 as compared to 559.66 last year. There were 1,051 such injuries reported this year against 913 in 1951, the frequency rate reduction coming because of the much greater number of man-hours worked in the first quarter of 1952.

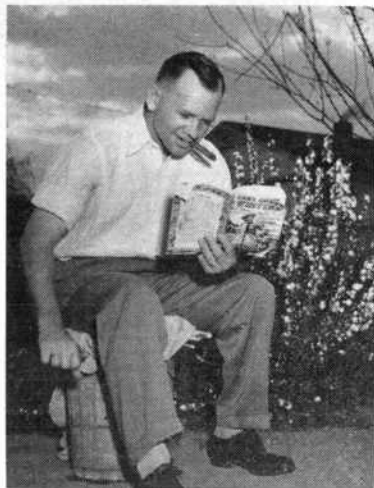
The only lost time accident in the first quarter of 1952 happened on January 4 and resulted in a loss of 23 days of work.

There has been one lost time accident so far in the second quarter of 1952, on April 7. The employee is still off from work recovering from a broken wrist.

tive Tennessean in the group, having been born in Greene County, May 27, 1912. He is a graduate of Knoxville High School in the class of 1925 and received his B.S. degree in civil engineering at the University of Tennessee in 1933.

Bowles also is the oldest of the group in employment at Oak Ridge, having come to work for Tennessee Eastman May 27, 1943. His first assignment was with the Boston, Mass., office of TEC, working there with Stone and Webster engineers on plans for Y-12 construction until August 15, 1943, when he came to Oak Ridge. In his work with the Civil Engineering Architectural Department he was closely connected with the early construction work here. He has been Engineering Department Superintendent for some time.

Prior to coming to work for TEC, Bowles was with the TVA as inspector of construction at Douglas Dam from 1935 to 1943. Previously he was with the State Forestry Department.



Y-12 Photo By Vince Moore

**SPRING FEVER'S GOT 'IM.** This is just a seasonal shot in which Lyle Lankford, of Maintenance Shops, was caught unaware grinding his ice cream freezer the easy way while enjoying a cigar and reading in front of a background of blooming shrubs and trees.

## Many Y-12ers Enter Ridge Hobby Show

Many Y-12ers with varied hobbies are expected to be represented in the first annual Hobby Show of Oak Ridge scheduled for Saturday, April 26, at the Ridge Recreation Hall. With so many diversified hobby interests in the city, the show is expected to attract a large number of exhibitors and spectators. A number of Y-12ers already have received entry blanks and plan to enter the event.

Joe Culver, of the Reactor Experimental Engineering Division in Y-12, is a member of the committee in charge of arrangements for the Hobby Show. Other committee members are James Kitchen, Francis Green, Dave Foote, R. A. Boloney, H. L. Hemphill, Mrs. Georgia Holm, Miss Doreen Kirkland, Carl Yearwood and Robert Claxton, the latter two representing the Oak Ridge City Recreation Department, which is staging the exhibition.

Show hours will be from 11 a. m. to 9 p. m.

He: "Please!"  
She: "No."  
He: "Aw, come on, just once."  
She: "I said no."  
He: "Please."  
She: "No, no, no."  
He: "Aw heck, ma, all the rest of the kids are going barefoot."

Lady (holding bone over dog's head): "Speak, speak."  
Dog: "Why, I hardly know what to say."



Did YOU brighten the corner where YOU are during Clean-Up Week? If not—and if you escaped the eagle eyes of the numerous inspection committees around the plant—it is not too late. Let's make Y-12 look like new all through 1952.

Capt. J. H. Conner, of the Guard Department, vacationed around home in Lenoir City, last week. . . . Congratulations are extended to R. L. Byrd on the recent birth of a baby girl in the Oak Ridge Hospital. . . . G. H. Harvey is on a two-week vacation. . . . C. S. Waldrop also is vacationing for two weeks. . . . J. T. Kennedy, C. M. Bryant, and J. A. Atchley, Jr., are on this week's vacation list.

The Medical Department welcomes Velma Sumner and Margaret Rainbolt to the roster.

H. M. McLeod, of Materials Chemistry, spent last week's vacation in Alabama. . . . J. M. Schreyer spent a recent week end with his parents in Asheville, N. C. . . . L. R. Phillips has moved his family to Oak Ridge from Florida. . . . L. G. Overholser, F. F. Blankenship, A. R. Nichols, and C. J. Barton are attending a meeting in Chicago, Ill., this week.

Morris Bailis, of Field Maintenance, has returned from a week of vacation in New York. . . . H. L. Garrett spent a week of vacation in Cincinnati, Ohio. . . . R. T. Huffman and R. H. Lovin were on last week's vacation list. . . . R. C. Trout vacationed last week at home in Wartburg. . . . S. F. Sparks spent his week of vacation at home in Greenback. . . . H. C. Gardner has returned from vacationing in Virginia. . . . B. L. Fain vacationed around home in Lenoir City, last week. . . . Folks on the vacation list this week are J. T. Williams, W. H. Ramsey, L. C. Nelson, J. L. Powell and D. A. Pruitt. . . . Get-well wishes are extended to W. T. Ferguson.

L. Walker, of Utilities Maintenance, is vacationing this week.

Hearty congratulations are extended to Charles Jones, of Electrical Maintenance, who is the proud father of a baby boy born on Easter Sunday at the Oak Ridge Hospital—The Jones' now have four boys and four girls. . . . R. A. Francis has returned from a week of vacation. . . . W. S. Arnold vacationed last week in Memphis. . . . J. R. Helton has returned from a week's vacation. . . . Get-well wishes go to all the sick folks from the department who are H. L. Hawkins, E. M. Crume, T. W. Ford, C. R. Luttrell and R. P. Helton.

The Tools Department extends hearty congratulations to H. L. Howell, who is the proud papa of a seven-pound baby boy born

April 17—Howell is vacationing this week to welcome the little fellow home. . . . The department welcomes Perry Redman to the roster. . . . And a welcome back goes to Bernice Hamrick, who has been on the sick list.

That's real pride. When Juanita Kirwan, of the Security Department Office at the North Portal, showed folks in the neighborhood a picture of Co. A, 382nd Military Police Battalion, stationed in Heidelberg, Germany, in which her husband, Cpl. Donald Kirwan, is enrolled. It didn't make any difference to Juanita that Corporal Kirwan is "stuck in the back row," as he puts it, far away from the camera. He's in there, right on, says she. The picture was published in the service newspaper, Army Times.

Receiving and Shipping welcomes Ed Webber to its roster. . . . W. H. Eubanks has returned from a week's vacation spent fishing in the local streams.

Property Sales extends congratulations to Warren Bass on the recent birth of a baby son—little Warren, Jr., weighed seven pounds and 12 ounces at birth. . . . Bill Coggins is spending this week's vacation planting a garden at his new home over in Foust Valley.

The Chemical Department extends sympathy to W. K. Martin on the recent death of a brother. . . . Congratulations are extended to C. S. Malton on the recent birth of a baby son. . . . W. K. Whitson and his family spent last week's vacation fishing at Camp West in Dunnellon, Fla. . . . L. B. Martin was on vacation last week. . . . A welcome back to work goes to George Strasser, who has been ill.

William Rice, of Plant Engineering, and his family visited relatives in Kentucky, while on vacation last week. . . . Tom Bishop is spending this week's vacation fishing around Douglas Lake. . . . Get-well wishes are extended to Ted Jones.

M. B. Hilton, of Research Engineering, is spending a two-week vacation at home in Knoxville. . . . Lloyd Wilson is vacationing at home in Oak Ridge, this week.

Maude Duncan, of the Laundry, is spending a two-week vacation at her home in Briceville. . . . Get-well wishes are extended to Laura Kennedy, who is a patient in the Oak Ridge Hospital, and to Ollie Morris, who is ill at her home in Knoxville.

J. J. Durrett, of the Cafeteria, is spending his entire two-week vacation fishing. . . . Dixie Bryant is taking it easy at her home in Oak Ridge while vacationing this week. . . . The department sends wishes for a speedy recovery to Madelyn Tackett, who is ill at her home in Lake City.

The Security Department is missing Virginia Canan around the office since her resignation last Friday to join her husband in Akin, S. C.

Ernest Bentley, of Safety, has returned from a week of vacation which he spent mostly around town.

Meta Butler, of Wage Standards, and her daughter, Betty Jo, of

Continued on Page 4



Four Y-12 employees were listed as parents of babies born recently at the Oak Ridge Hospital. William H. Stanton, Administrative Normal, became father of a girl born April 11. Charles L. Jones, Electrical Maintenance, became father of a boy born April 13. Albert M. Jones, Administrative Product, became father of a boy born on April 14. Herbert R. Gwinn, Assay Laboratory, became father of a boy born April 16.

Y-12 Photo By Vince Moore

**Y-12ERS HAVE BEEN ACTIVE IN THE OAK RIDGE Community Playhouse for years, both on the stage and behind the scenes in the many details of production. In this picture a group is assembling scenery and "props" for the last offering, Amphitryon 39. From left are Dr. Francois Kertesz, Materials Chemistry; his wife, Marge; Jim Muir, Health Physics; Mrs. Isabelle Fredrickson, Hugh Post, of the Carbide Clayton Hall office; and Charley Blake, Materials Chemistry, who will have the lead role in the next Playhouse production, I Remember Mama, to be given May 22, 23 and 24.**



# Y-12 SPORTS

## Blistering Golf Played In First Round Of Loop

Some blistering golf was played in the first week of competition in the Y-12 Plant League with five teams turning in two-point victories and one not playing. Triumphant were the Hooks, 16-20, Eagles over the Shakers 16-20, Four 100s over the Rough Riders 11-25, Turf Riders over the Four Woods 16 1/2-19 1/2 and the Fat Boys over the Grand Slammers 16 1/2-19 1/2. Bldg. 9212 drew a bye during the week.

The schedule for the week beginning April 28 is Eagles vs Four 100s, Four Woods vs Grand Slammers, Fat Boys vs Turf Riders, Rippers vs Bldg. 9212, Rough Riders vs Shakers and Hooks vs Byes. This week the Grand Slammers are scheduled to play Bldg. 9212 and other matches are Fat Boys vs Four Woods, Shakers vs Four 100s, Turf Riders vs Rough Riders, Hooks vs Eagles and Rippers vs Byes.

In the first week of play Bill Reynolds, of the Eagles, had the top scratch score for nine holes, a two under par 34. Jake Meece, of the Shakers, and Carl Dorr, of the Turf Riders, had 36s. Door tied Warren Grimes with a handicap 33. The Shakers had the best scratch team score of 162 and the Four 100s the best handicap tally of 143.

## B Loop Round Title Rests On Last Night; Bumpers Threatened

With only one more night of bowling to go in the season, the B League race developed into a nip and tuck affair as the Rippers last week climbed to within one point of the league leading Bumpers by taking the Wolves for three points while the first place team was losing the same number to the Tigers. The Wasps buzzed up closer with a four point whitewash win over the Cubs, the Rebels handed a similar defeat to the All Stars, the Bums took three from the Bldg. 9211 keggers, and the Comets won a similar triumph over the One-91 outfit.

The winner of the third round of play, to be determined by results of alley activities Thursday night, will compete in a roll off with the Comets, winners of the first session; and the Wolves, victors in the middle round.

Len Hart, of the Rippers; and Webber, of the Wasps; split individual scoring honors last week. Hart bagged a 225 scratch game and 580 series and tied with Webber with 236 for handicap game. Webber had the top handicap series of 667. Their teams also split scoring leads, the Rippers posting the best scratch scores with a 877 game and 2485 series and the Wasps a 1035 handicap game and 2990 series.

League standing follows:

Team	W	L
Bumpers	30	10
Rippers	29	11
Wasps	26	14
Bums	23	17
Rebels	23	17
Tigers	22	18
Wolves	20	20
Cubs	19	21
All Stars	18	22
Comets	16	24
One-91	8	32
Bldg. 9211	6	34

## BOOZE, DOPE NO AID

The United Press points out that the Atomic Energy Commission, in its 11th semi-annual report, contends that alcohol and drugs do not afford protection against atomic radiation for humans.

We all have something to fall back on—and all phonies generally do.

# Y-12 Varsity Softballers Rounding Into Shape For Long Slate; Two Plant Leagues Assured With Season Slated To Open May 5

## Organization Meeting Scheduled For Friday

With 15 teams definitely lined up and at least one more planning to enter the competition, the Y-12 plant softball competition this season will be composed of two leagues with play scheduled to start on Monday night, May 5, at Pinewood Park.

## Full Attendance Urged

The final organizational meeting of the league when officers will be elected, the teams assigned to their leagues and other business handled will be held at 3 o'clock this Friday afternoon, April 25, at the Y-12 Recreation Office, North Portal. It is important that every team have its manager or representative present at this session.

The usual number of colorful names have been chosen by some of the teams, including Uranium Control Junior Varsity and All Thumbs, down to mere building identification. Three teams have not been named and these are piloted by Managers Favetella, Browning and Aven. Names for these outfits probably will be selected before the season opens.

## Practice Schedule Given

During the remaining time before the opening of the season many of the teams will meet each other in practice games. In the schedule published below teams are named except for those directed by managers where names have not been picked and these are listed under the name of the manager. All of these games and practice sessions are at Pinewood Park.

Friday, April 25—6 p. m., 49ers vs Health Physics. 7:15 p. m., All Thumbs vs Engineering. 8:30 p. m., U. C. J. V. vs Bldg. 9212.

Monday, April 28—6 p. m., Duds vs Aven. 7:15 p. m., Brownings vs Bums. 8:30 p. m., Guards vs Bldg. 9211.

Tuesday, April 29—6 p. m., Sparks vs Favatellas. 7:15 p. m., Rusty Nine vs Grocers. 8:30 p. m., Orphans.

Wednesday, April 30—6 p. m., All Thumbs vs Bldg. 9212. 7:15 p. m., 49ers vs Aven. 8:30 p. m., Brownings vs Engineering.

Thursday, May 1—6 p. m., U. C. J. V. vs Health Physics. 7:15 p. m., Duds vs Orphans. 8:30 p. m., Grocers.

Friday, May 2—6 p. m., Guards vs Bldg. 9211. 7:15 p. m., Sparks vs Favatellas. 8:30 p. m., Rusty Nine vs Bums.

## Strikettes Remain In W League Race; Woes Capture Two

The Woes took another step forward toward winding up the W League season with a second half championship to add to their first half title when they trimmed the Kemps by a two game margin last week. However, the Strikettes stayed in there rolling and kept in the race by taking three from the Cracker Jax. The Mix Ups mauled the Controllers for three games and the Make Ups took the Hi Balls for two in the other loop matches.

Nazi Carson, of the Mix Ups, had most of the scoring honors for the night. She posted a 231 handicap, 465 scratch series and 624 handicap series. Mary Ballard, of the Cracker Jax, had the best scratch game, a 180. Team scoring was divided, the Woes having the top scratch scores with a 703 game and 2000 series. The Strikettes bagged a 953 handicap game and the Mix Ups a 2783 handicap series for tops.

League standing follows:

Team	W	L
Woes	27	15
Strikettes	25	17
Controllers	22	20
Kemps	21	21
Make Ups	20	22
Mix Ups	20	22
Cracker Jax	19	23
Hi Balls	14	28

He who seeks revenge digs two graves.

## More Sports News On Page Four

## KNOX-RIDGE SCHEDULES FOR Y-12 TEAMS

### Clip And Save For Season Reference

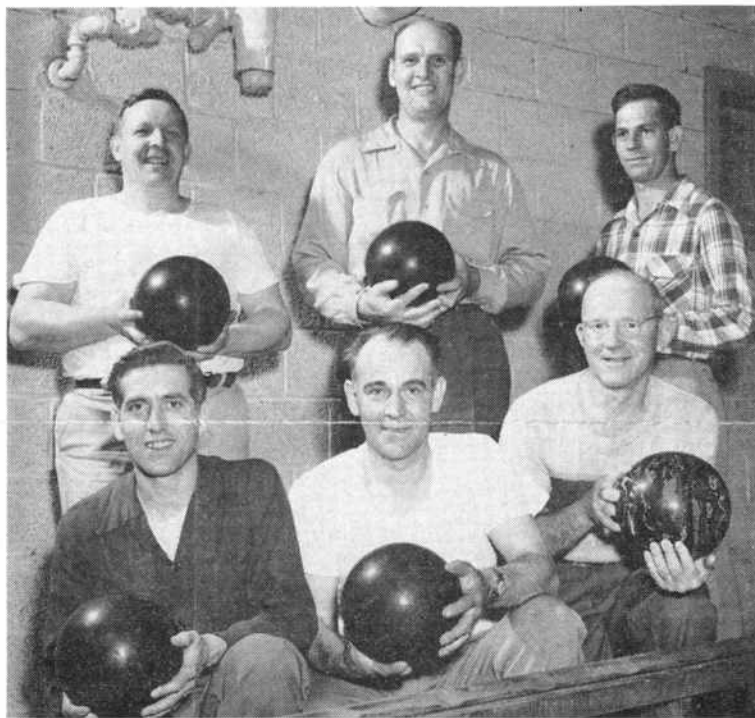
Here is the official schedule of Knox-Ridge Leagues games for the Y-12 men and women softballers for the 1952 season. Players and fans alike are urged to clip and keep the schedules for reference throughout the season.

### MEN'S SCHEDULE

May 12—Mascot, Oak Ridge.  
May 16—K-25, Oak Ridge.  
May 19—Vine Ave., Oak Ridge.  
May 23—Maryville, Oak Ridge.  
May 26—Bell Ave., Knoxville.  
May 29—Watson, Knoxville.  
June 2—ORNL, Oak Ridge.  
June 6—Mascot, Mascot.  
June 9—K-25, Oak Ridge.  
June 12—Vine Ave., Knoxville.  
June 16—Maryville, Knoxville.  
June 20—Bell Ave., Oak Ridge.  
June 23—Watson, Oak Ridge.  
June 27—ORNL, Oak Ridge.  
June 30—Mascot, Oak Ridge.  
July 4—K-25, Oak Ridge.  
July 7—Vine Ave., Oak Ridge.  
July 11—Maryville, Oak Ridge.  
July 14—Bell Ave., Knoxville.  
July 17—Watson, Knoxville.  
July 21—ORNL, Oak Ridge.

### WOMEN'S SCHEDULE

May 13—Corryton, Oak Ridge.  
May 16—K-25, Oak Ridge.  
May 20—Cas Walker, Oak Ridge.  
May 23—Inskip, Oak Ridge.  
May 27—Lonsdale, Knoxville.  
May 30—Graveston, Knoxville.  
June 3—ORNL, Oak Ridge.  
June 6—Corryton, Corryton.  
June 10—K-25, Oak Ridge.  
June 13—Cas Walker, Knoxville.  
June 17—Inskip, Knoxville.  
June 20—Lonsdale, Oak Ridge.  
June 24—Graveston, Oak Ridge.  
June 27—ORNL, Oak Ridge.  
July 1—Corryton, Oak Ridge.  
July 4—K-25, Oak Ridge.  
July 8—Cas Walker, Oak Ridge.  
July 11—Inskip, Oak Ridge.  
July 15—Lonsdale, Knoxville.  
July 18—Graveston, Knoxville.  
July 22—ORNL, Oak Ridge.



6-4745 Y-12 Photo By Vince Moore  
THE FIRST PLANT LEAGUE BOWLING CHAMPIONS crowned for the current season are the Hurricanes, above, in the C League. The team breezed through to victory in both halves of the schedule, making a playoff unnecessary. In the front row, from left, are Len Hart, A. L. Sawyer and Al Groppe. In rear are Charley Greene, Paddy Peckman and L. E. Sikes.

## Hurricanes Take C League Championship By Winning Both Halves of Bowling Slate

Although losing three points to the Hornets on the final night of play last week, the Hurricanes clinched the second half championship in the C League to add to their first half crown to win the season's championship by a wide margin. The titlists dominated play practically the entire season and seldom were threatened. The Hurricanes now will be idle until the final roll-off with champions of the other plant leagues.

In other action last week the Guards blanked the Orphans for four points and the Moles buried the Short Circuits by the same margin. The Hooks beat the Thin Pins for three points.

Reinhart, of the Hooks, had the best single game scores with a 195 scratch and 227 handicap tallies. Bridges, rolling for the Guards, turned in a 544 scratch series, boosted to 655 with handicap, for tops. The Hurricanes had the leading scratch scores with an 838 game and 2376 series and the Guards topped the handicap scoring with a 995 game and 2886 series.

League standing follows:

Team	W	L
Hurricanes	50	14
Hornets	41	23
Guards	38	26
Hooks	36	24
Thin Pins	29	35
Orphans	29	35
Moles	26	38
Short Circuits	13	51

## Keglerettes Of Y-12 Trim MSI Lassies

Taking two out of three games from the Management Services lassies, the Y-12 women's varsity bowling team held fourth place in the Oak Ridge City League last week. After dropping the first game by 711 to 678, the Y-12ers picked up the last two by 699 to 612 and the clincher by 733 to 598. The totals were 2110 for Y-12 and 1921 for MSI.

Y-12 individual scoring was closely bunched with Katie Williams leading the bunch with 141, 159, 148—448. Following were Margaret O'Neal 152, 136, 152—440; Juanita Kirwan 143, 149, 144—436; Betty Whitehorn 129, 128, 171—428; and Ruby McGinnis 113, 127, 118—358.

Sorrow is a disease in which every patient must treat himself.

## Knox-Ridge, Outside Competition Scheduled

Both Y-12 varsity softball teams are rounding slowly but surely into shape for an active summer season with indications pointing to both squads being stronger than those that represented the plant last year and able to more than hold their own against the strong opposition they are sure to meet this season.

## Most Games At Home

Both the men and women will compete in the Knox-Ridge League sponsored by the Knoxville Softball Association. There will be eight teams in both circuits and the schedules announced for the season give the Y-12ers 14 home games against only seven on the road. Six double-headers are slated for the Y-12ers on their home grounds at Middletown.

Teams in the men's Knox-Ridge loop include Y-12, K-25, ORNL

## PRACTICE SESSIONS SET FOR VARSITY TEAMS

Four more practice sessions have been set for the Y-12 varsity softball squads, all at the Middletown Park. Here's the schedule:

Wednesday, April 23—7:30 p. m., women; 9 p. m., men.  
Friday, April 25—6 p. m., women; 9 p. m., men.  
Tuesday, April 29—7:30 p. m., women; 9 p. m., men.  
Friday, May 2—6 p. m., men; 7:30 p. m., women.

(all from Oak Ridge), Watson Furniture Co., Vine Ave. Furniture Co., and the Bell Ave. Baptist Church (all of Knoxville), Mascot, and Maryville. The three Oak Ridge Carbide plants also will be represented in the women's circuit with other teams being Cas Walker Grocery and Lonsdale Beauty Shop, of Knoxville; Graveston, Corryton and Inskip, of Knox County.

## Mascot, Corryton Open Here

The Knox-Ridge schedule has the Y-12 men's softballers opening hostilities on Monday night, May 12, at Oak Ridge against Mascot. The women's team opens the following night at Oak Ridge against Corryton.

The first double-header involving the Y-12ers will be staged on Friday night, May 26, when the old rivalry with K-25 will be resumed. Other twin-bills for the Y-12ers are slated for May 23, June 27, July 4 and July 11, all at Oak Ridge. However, because of the long July 4 holiday week end it is expected that the Independence Day attraction, scheduled with K-25, will be postponed by mutual agreement.

In addition to the Knox-Ridge Leagues schedule, the Y-12ers will have several strong out-of-town teams on their list of opponents during the summer. The red and white is slated for a double-header on Saturday night, May 10, over at Canton, N. C., with a return engagement set here for Friday night, May 23.

## ORNL Physicist Will Speak At Seminar Meeting Friday

Dr. Richard K. Osborn, of the Physics Division of the Oak Ridge National Laboratory, will speak at the weekly meeting of the Oak Ridge Physics Seminar on Friday, April 25. The meeting will be moved back to the East Lounge of the Ridge Recreation Hall and will begin at 4 o'clock. Dr. Osborn's topic will be "Diffusion of High-Energy Gamma Rays Through Matter."

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## Presence Of Dr. Klaus Fuchs In America Tremendously Excites Officials In Kremlin

Continued from Page 1

who made good his return to Russia in 1946) that the little Philadelphia delivered documents, plans and verbal reports received from Fuchs.

When Fuchs and Gold first made contact at Woodside, N. Y., Fuchs was working at Columbia University developing the gaseous diffusion system of separating fissionable uranium atoms from non-fissionable. He had complete access to all phases of the important atomic work at the university.

**Told Secrets Of K-25**

In August following the meeting at Woodside Fuchs, by now having turned over to Gold all that was to be known about extraction processes and the chief extraction plant at Oak Ridge (known locally by the code name of K-25), was providentially assigned to work at super-secret Los Alamos.

He helped build the Alamogordo, Hiroshima and Nagasaki bombs, was made familiar with advanced research and development in the field of atomic weapons (not to reach the testing stage until October, 1951) and the heady early studies of the hydrogen bomb, still a bomb of the undiscernible future so far as its United States development is concerned. Fuchs covered tracks well.

Fuchs covered his tracks so well, and acted so much like a security-conscious member of the generally devoted and loyal band of atomic scientists working on a massive project without the notice of the American people, that even Gold and the Russians sometimes had trouble keeping abreast of him.

Their first meeting lasted only long enough for Fuchs to inform the courier that at a meeting, whose date they then set for the following month, he would deliver to Gold "information relating to the application of nuclear fission to the production of a military weapon."

**Gold Finally Catches On**

Gold was flabbergasted. Only then did he realize why he—who had run so many dirty little errands for the spy ring, including the theft of sugar-refining methods—had been chosen by "John" for this new work and told that he was to concentrate on Fuchs exclusively. This was to involve science on a level far beyond the educational reach of other couriers, and Gold had been selected because of his scientific background.

On this particular night Gold handed to Yakovlev a newspaper Fuchs had given him. Folded within its pages was a thick package of atomic revelations, related in Fuchs' painfully small script. Reds have own "Ridge"?

(Several scientists and security officers who were of great help to the writer in the preparation of this series believes that as a result of that one meeting Russia perhaps was able to construct an "Oak Ridge" of its own.)

The next meeting of Fuchs and Gold took place in New York City. There were no papers to pass. Fuchs and Gold walked easily along the street, and that was the first time Gold heard the words "atomic bomb."

Fuchs gave him intimate particulars, verbally, about the progress of a joint American-British effort—often in the form of sem-

inars—then being held in New York City. Fuchs had been privy to such meetings.

**Soviet Consul Rebuffs Gold**

Gold dutifully wrote out a long report and turned it over to Yakovlev. Gold was never one to question the workings of the apparatus in which he had become ensnared, but in delivering the report to Yakovlev he inquired—timidly—if there was some way in which he and Yakovlev might not have closer relations.

Yakovlev shook his head. No, he explained, he would have to remain "John" to Gold, whom he called by name. Fuchs, in turn, must not know anything about Gold except the name "Raymond." Fuchs must not know how to contact Gold, even in the case of an emergency. Their meetings would have to be as they had been before, by arrangement. And, to complete the baffling scheme, Gold would never know how to contact "John" directly.

"The chain," Kakovlev smiled, "is thus cut in two places. It is a good thing."

(Next week: Fuchs "disappears," causing alarm in the Russian Spy System.)

## Daughter Of Y-12er Dies In Wreck; Others Are Hurt

Tommie Kay Sanford, one-year-old daughter of Ray H. Sanford, of the Y-12 Property Sales Department, was fatally injured in an automobile accident near Cullman, Ala., last Friday night. The little girl died Sunday in a Cullman hospital. Her parents and Peter P. Huffman, of the Administrative Normal Department, traveling with the Sanfords, were injured in the accident, few details of which could be learned by The Bulletin Monday morning. Funeral services for the child were to be held at 2 o'clock Tuesday afternoon at the Simcoe Church, near Cullman. The Sanfords formerly lived in Alabama.

**NEW CLOCK DESCRIBED**

Atomic Energy Commissioner Keith Glennan has described a new electronic "clock" that measures time intervals of one-fifth of a billionth of a second, according to the New York Times. Commissioner Glennan spoke at a nuclear science symposium at the Brookhaven National Laboratory.

Speech is a faculty given to man to conceal his faults.

## Feudin' and Fishin' Y-12ers and Families Head for Water Holes April 25-May 4 To Compete For Prizes In First Fishing Rodeo

The feudin' and fightin' of the Hatfields and McCoys will appear as only a slight disagreement at the weekly meeting of the Stitch and Chatter Club during the April 25-May 4 period—when the first Y-12 Fishing Rodeo is expected to result in some really big league feudin' and fishin' (friendly, of course) among various and sundry Y-12 families seeking prizes and glory in the event.

The Y-12ers and members of their immediate families (wives,

## Slow Pitch, Class B Loops Organization Expected This Week



Elmore Koons Avery Kendig

League organization and schedules for the Oak Ridge Slow Pitch League and the Class B Softball League are expected to be perfected some time this week. Y-12 will have plant sponsored teams in both circuits with Elmore Koons, telephone 7352, Bldg. 9201-3, managing the slow pitch team; and Avery Kendig, telephone 7371, Bldg. 9201-3, piloting the Class B team.

Many of the players expecting to perform for these teams already are working out with plant league outfits. Any other candidates for the "junior varsity" aggregations are urged to communicate with the managers or the Y-12 Recreation Office, North Portal, telephone 7753.

## Hart Paces Y-12ers To Victory Closing Gap On Loop Lead

The Y-12 varsity bowlers kept up their torrid march toward first place in the Oak Ridge City League by walloping the Harriman Merchants for three games and total points for a four point whitewash win on Monday, April 14. The victory left the Y-12ers just four points out of the lead, held by Friedman's.

Blistering bowling by Len Hart, whose 640 scratch series was the tops for the league this year, the Y-12 team posted games of 877, 886, 148—2711; against 825, 828, 830—2483 for the losers. Hart put together games of 247, 168, 225 for his top effort. Other Y-12 scores were Frank Gragg 172, 166, 193—531; Roy Roberts 145, 206, 170—512; Ernie Cobble 154, 188, 175—517; and Jack Spears 159, 158, 185—502.

## Rides Wanted And Offered

**Five Riders or Ride Wanted—**From Fountain City, straight day. E. D. Seagle, plant telephone 7956, home telephone 6-6515.

**Riders Wanted —**From Norris, straight day. Luther Palmer, plant telephone 7654.

**Riders Wanted—**From Clinton, straight day. George DeLozier, plant telephone 7435.

**Ride Wanted —**Beginning April 28 from Kingston, Nelson Subdivision, Lakeshore Drive, straight day. Josephine Gower, plant telephone 7212.

Some have been thought brave because they were afraid to run away.

## Summer Pistol Firing League Is Proposed; Volunteers Asked To Help In Range Work

Pistol target shooting has proven so popular among Oak Ridge sportsmen during the winter season that plans are afoot to continue some kind of league competition in the spring and summer months, according to Harry Hoy, captain of the Y-12 team.

Tentative plans call for a summer circuit to fire on the Oak Ridge Sportsman's Association outdoor range, which is to be remodeled to allow 20 men to fire at one

time. Team and individual matches would be staged with handicap scores prevailing. Both .22 and .38 calibre pistols would be used.

Hoy has asked for volunteers among the Y-12 pistol firing enthusiasts and from other Carbide units interested in the proposed summer league to aid Sportsman's Association members spruce up the outdoor range. Helping hands may communicate with him at plant telephone 7376.

## D League Leaders All Are Triumphant; Isotopes Defeated

The D League maintained a status quo after bowling activities last week as all four leading teams took victories by three-point margins from the second division clubs. The session marked the end of a winning streak by the trailing Isotopes, who lost to the top spot Vectors. Other triumphs were turned in by the Toppers over the Activators, Grocers over the Hoboes and Old Men over the Woodchucks. The Toppers swept all team and individual scoring honors. The team posted second round high marks with a 936 scratch and 1109 handicap game and best of the night tallies of a 2456 scratch series and 2975 handicap series. McGoige had a 212 scratch game and Wallace a 242 handicap game, 528 scratch series and 651 handicap series.

Team	W	L
Vectors	39	21
Toppers	37	23
Grocers	34	26
Old Men	32	28
Activators	29	31
Hoboes	27	33
Woodchucks	22	38
Isotopes	20	40

## Attendance Record

MAJOR LEAGUE More Than 50 Employees Scheduled			
Dept.	Absent Percentage	4-13-52	4-6-52
2060	0.2	1	2
2617	1.9	2	5
2077	2.4	3	1
2091	2.7	4	10
2619	2.9	5	3
2003	3.0	6	9
2001	3.4	7	7
2618	3.5	8	11
2014	3.66	9	15
2015	3.69	10	13
2018	3.70	11	12
2142	4.0	12	14
2790	4.2	13	4
2739	4.8	14	6

Group absentee percentage was 3.3 per cent, .4 per cent higher than the preceding week.

MINOR LEAGUE 15-49 Employees Scheduled			
Dept.	Absent Percentage	4-13-52	4-6-52
2743	0.0	1	1
2200	0.0	1	1
2096	0.0	1	9
2107	0.4	2	1
2145	0.5	3	3
2143	0.6	4	5
2002	1.8	5	2
2133	3.0	6	12
2108	3.5	7	8
2109	4.5	8	6
2144	5.3	9	11
2616	5.58	10	13
2093	5.63	11	14
2090	6.2	12	10
2064	6.7	13	4
2005	8.9	14	7

Group absentee percentage was 3.1 per cent, .7 per cent higher than the preceding week.

The plant average for the week ending April 13, was 3.2 per cent, .4 per cent higher than the preceding week.



Continued from Page 2

Personnel, are visiting in Indianapolis, Ind., this week.

**Betty Stephens**, of Plant Records, spent a recent week of vacation in New York.

**J. D. Bowers**, of Property, and his family motored up to West Virginia to visit relatives over the Easter holidays. **Sue Gragg** and **Arminta Ladd**, of Plant Records, are vacationing this week in Miami, Fla.

**Elizabeth Patrick** and **Ruth Roberson**, of the Analytical Laboratory, are back at work sporting sun tans after last week's vacation at Daytona Beach, Fla. **Evelyn Thurston** spent the week end with relatives in McMinnville, Tenn. **Anna Smith** was a recent week end guest of Elva Vicors in Pineville, Ky. While there they went sight-seeing to several surrounding cities. **Emily Walker** spent the week end in Nashville.

**Betty Esco** flew up to Lexington, Ky., over the week end. Get-well wishes go to all the ailing folks which include **Frances McKnight**, **Ruby Osborne**, **Gladys Dicus**, **Zella Back** and **Elizabeth Edmonds**.

And that's all she wrote—this time.

## Six Y-12 Bowlers Win In Knox Meet

Six Y-12 bowlers, Roy Roberts, Len Hart, Ernie Cobble, Elmore Koons, Connie Roberts and Joe Pryson came out of the recent Tennessee State Bowling Association tournament in Knoxville with honors and cash prizes. R. Roberts and Hart were tied for fifth place in doubles and the former was in a tie for third place in the Class A singles with Herman Certain, another Oak Ridger, with 624. R. Roberts also placed fourth in all-events with a 1772 score. In the Class B bowling Koons and Cobble were third in doubles with a score of 1173 and a single game of 276 by Cobble was tops in that division. Cobble also was fifth in all-events with 1697. Connie Roberts and Pryson teamed up for seventh place in Class B doubles with 1107. Pryson's 611 series put him in third place.

## Carbide Wives 'Hobo Dance' Slated For Saturday Night

Y-12ers and their families have been cordially invited to attend the "Hobo Dance" to be given Saturday night, April 26, by the Carbide Wives. The dance will be held from 9 p. m. to 1 a. m. in the East Lounge of the Ridge Recreation Hall. Prizes will be awarded for the best costumes, and refreshments will be served.

Tickets may be obtained from Mesdames Lyle Overholser, telephone 5-6396; L. T. Murphy, telephone 5-7613; William Penn, telephone 5-6266; and J. D. Knowles, telephone 5-9742.

**HANFORD EXPANSION EYED**

Approximately \$100,000,000 is being earmarked for the planned Hanford Works, according to a recent United Press dispatch.